



Teacher Research Academy (TRA)

Biotechnology – Level 5 Post-TRA Workshop

This Level 5 Biotechnology Teacher Research Academy is an all-day workshop on the basic principles of real-time PCR (RT-PCR). Teachers will gain hands-on experience using RT-PCR reagents and equipment and will learn strategies for implementing RT-PCR activities into their classrooms. This hands-on workshop will be followed by a web-based seminar to reinforce the instruction. Teachers completing both sessions may bring up to 5 of their students to LLNL and teach them to do RT-PCR with the support of the TRA staff.

WHEN:

Saturday, January 9, 2010 (8:30 A.M. - 3:00 P.M.) with follow-up Webinar and opportunity to bring students to LLNL. Follow-up dates are TBA.

WHERE:

Edward Teller Education Center (ETEC) at Lawrence Livermore National Laboratory, Livermore, CA. Map available at <http://etec.llnl.gov>

PREREQUISITS:

Participants must have completed the Biotechnology Teacher Research Academy Level II workshop, or equivalent.

REGISTRATION:

Register on-line at <http://education.llnl.gov/academies>

REGISTRATION FEE:

\$10.00 for each registration. Registration fee will be used to provide a light lunch at the January 9th workshop.

WHAT TEACHERS GET:

- Increased understanding of RT-PCR and its applications.
- Experience using RT-PCR equipment to perform experiments.
- Preparation to guide student research projects.
- Instruction binder with classroom lessons using RT-PCR.

CONTACT:

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COLLEGE CREDIT:

Participants can earn course credit through California State University Extension.

PLEASE FORWARD TO INTERESTED TEACHERS